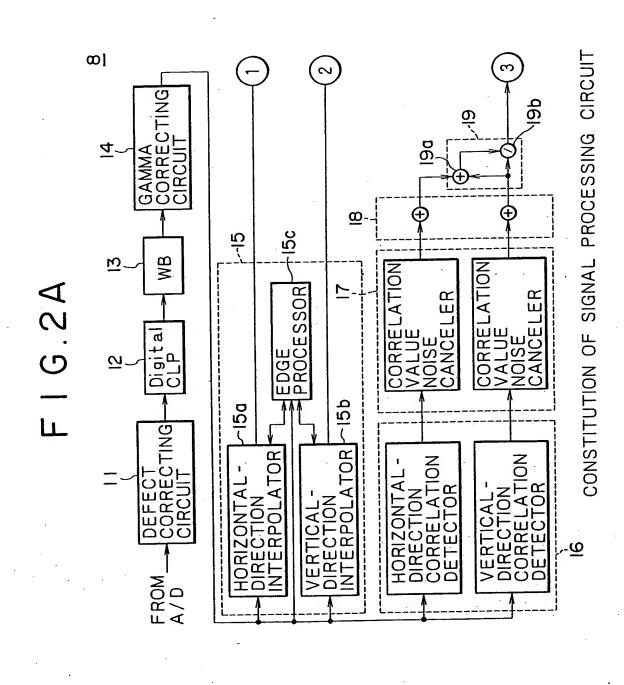


CONSTITUTION OF CAMERA APPARATUS



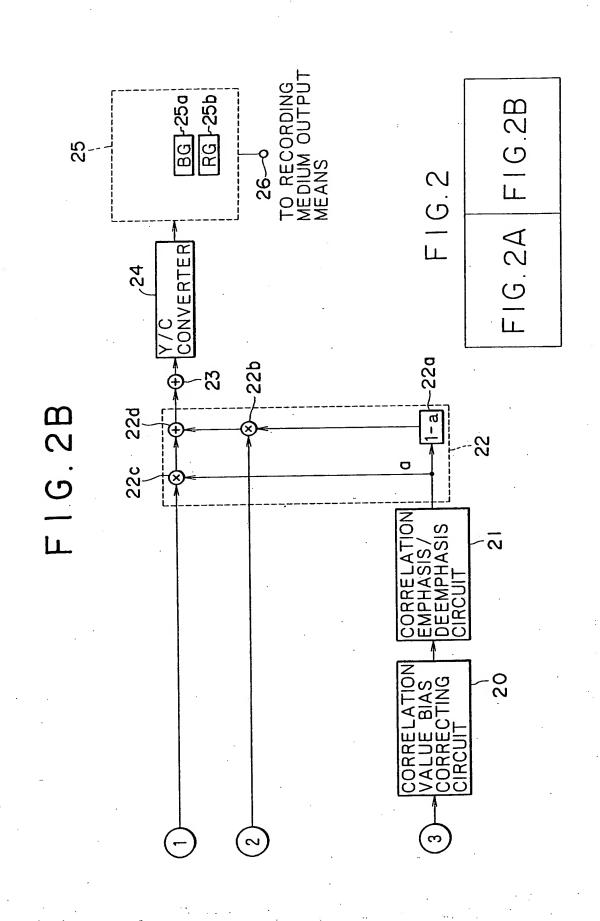
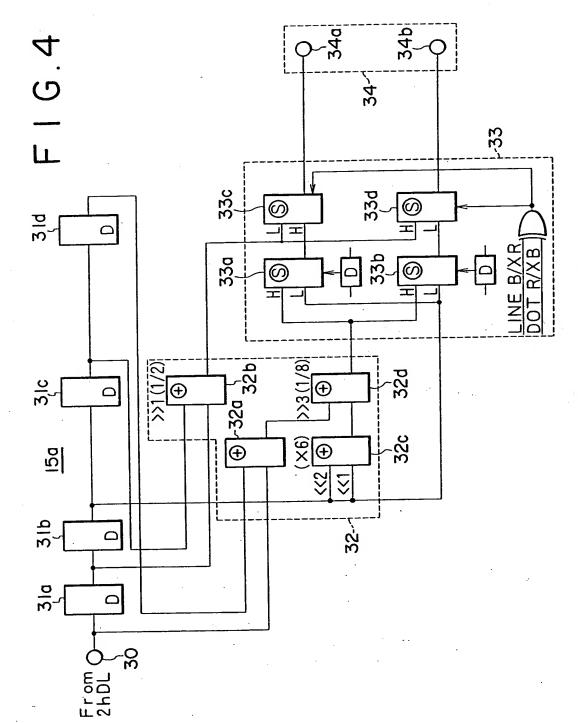


FIG.3

0 h	G 00	R 01	G 02	R 03	G 04	
1 h	B 10	G 11	B 12	G 13	B 14	
2 h	G 20	R 21	G 22	R 23	G 24	
3 h	B 30	G 31	B 32	G 33	B 34	
4 h	G 40	R 41	G 42	R 43	G 44	

ARRANGEMENT OF PIXEL DATA



CONSTITUTION OF HORIZONTAL-DIRECTION INTERPOLATOR

F I G. 5

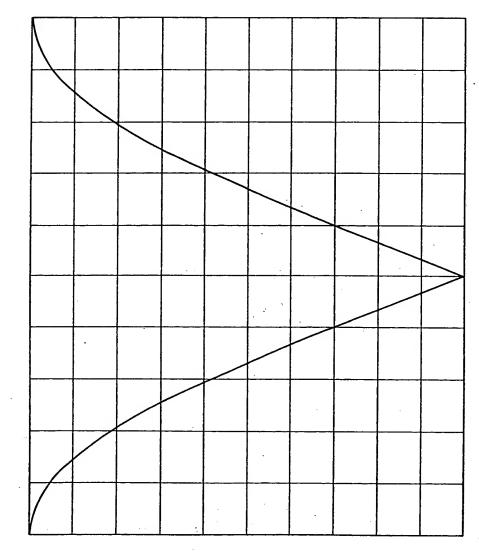
G 00		G 02		G 04	
	G 11		G 13		
G 20		G 22		G 24	
	G 31	·	G 33	,	
G 40		G 42		G 44	
			-		

ARRANGEMENT OF PIXEL DATA

9.5

FREQUENCY CHARACTERISTIC OF LPF

F | G. 7

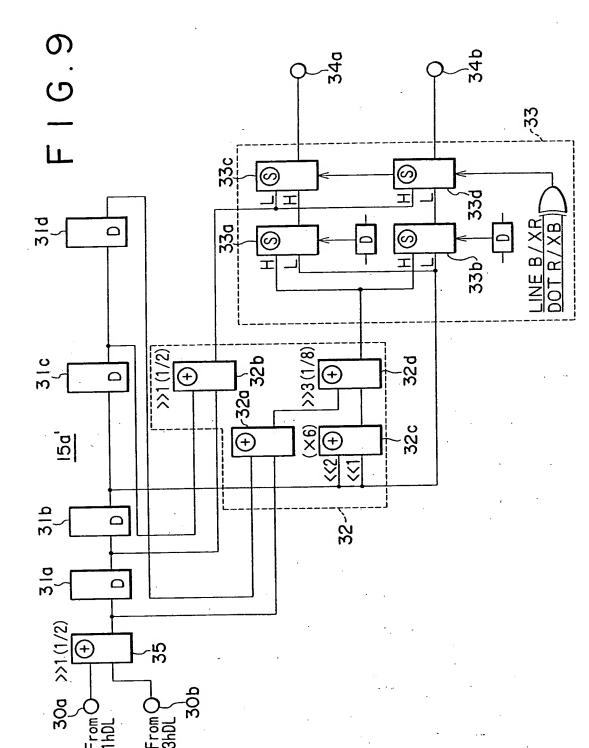


FREQUENCY CHARACTERISTIC OF LPF

F I G.8

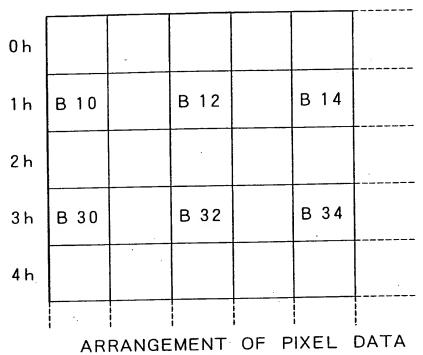
G 00'	G-01'	G 02'	G 03'	G 04'	
G 10'	G 11'	G 12'	G 13'	G 14'	
G 20'	G 21'	G 22'	G 23'	G 24'	
G 30	G 31'	G 32'	G 33	G 34'	
G 40'	G 41'	G 42'	G 43'	G 44'	
	,		1	 	

INTERPOLATED PIXEL DATA



CONSTITUION OF HORIZONTAL-DIRECTION INTERPOLATOR

F I G. 10



ARRANGEMENT OF TIMES STORE

F | G. | |

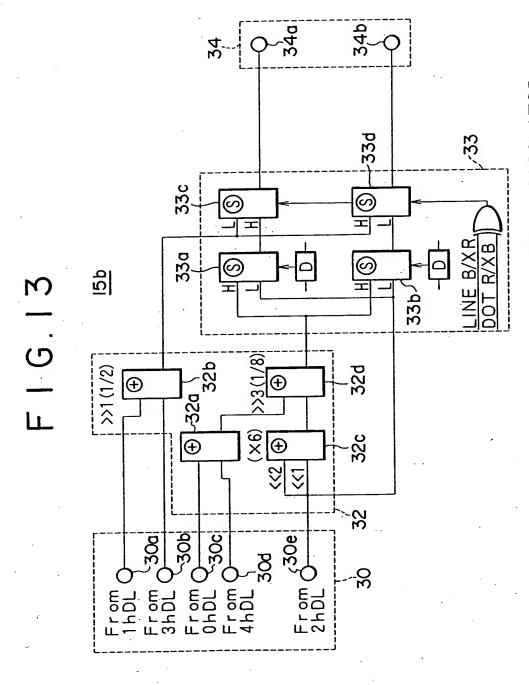
	·)			
B 10		B 12		B 14	
B' 20		B' 22		B' 24	
B 30		B 32	·	B 34	
·					
				† † !	!

ARRANGEMENT OF PIXEL DATA

F1G.12

B 0 0'	B 01'	B 02'	B 03'	B 0 4'	
B 10'	B 11'	B 12'	B 13'	B 14'	
B 20'	B 21'	B 22'	B 23'	B 24'	
В 30'	B 31'	B 32'	B 33'	B 34'	
		1			

INTERPOLATED PIXEL DATA



CONSTITUTION OF VERTICAL + DIRECTION INTERPOLATOR

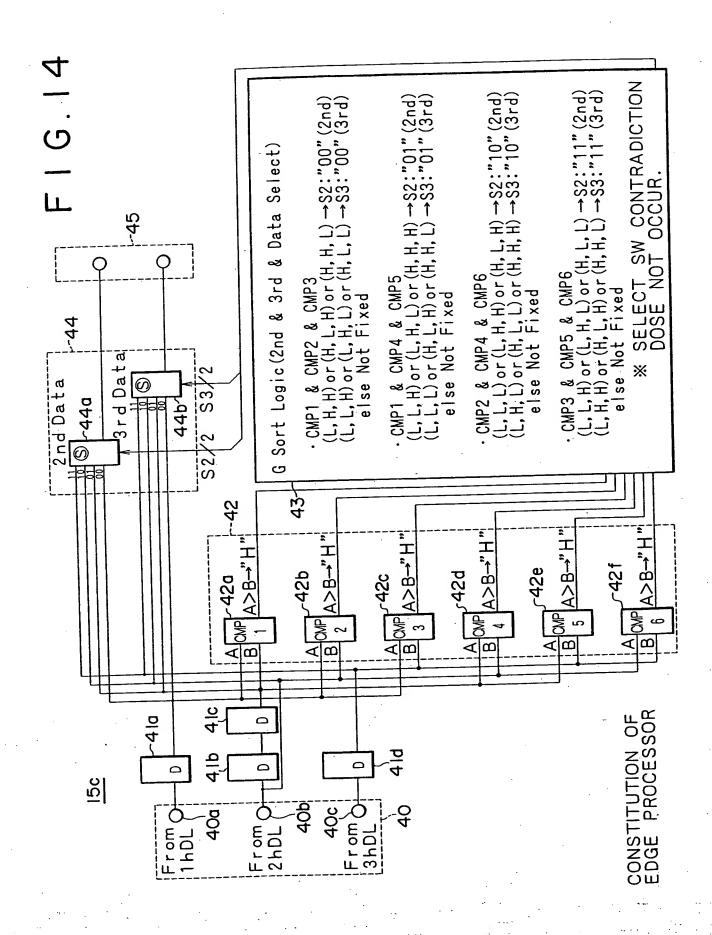
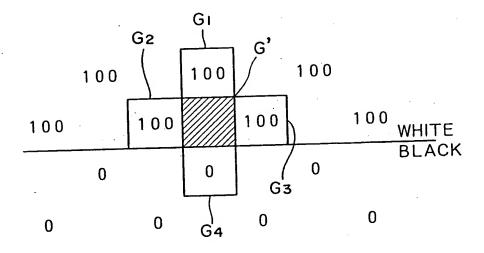
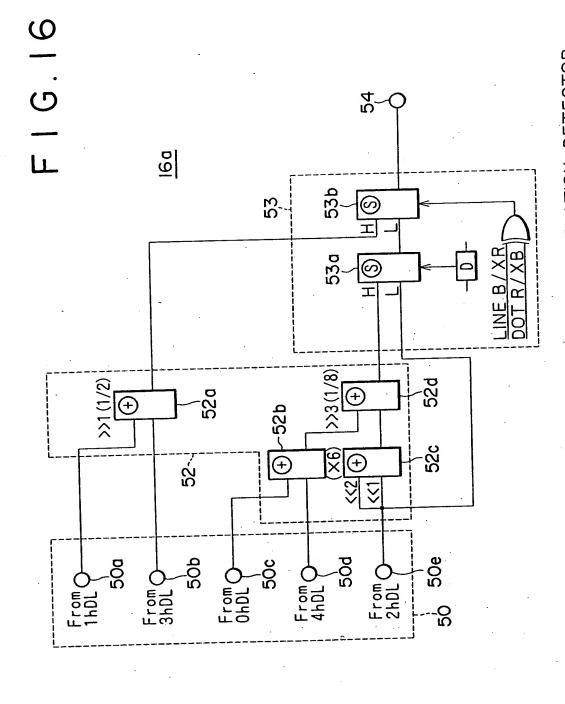


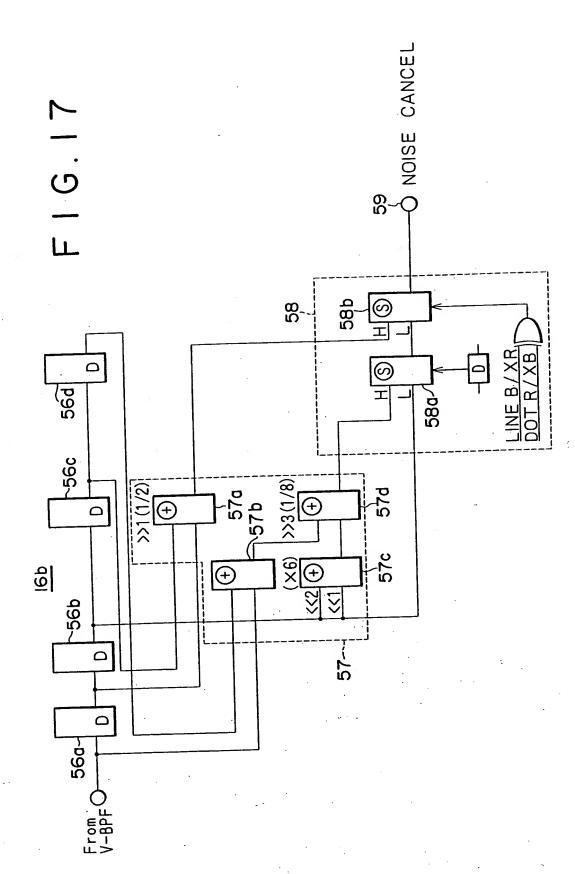
FIG.15



EXAMPLE OF EDGE PROCESSING

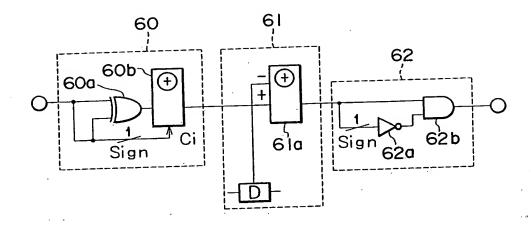


CONSTITUTION OF HORIZONTAL-DIRECTION CORRELATION DETECTOR



CONSTITUTION OF VERTICAL-DIRECTION CORRELATION DETECTOR

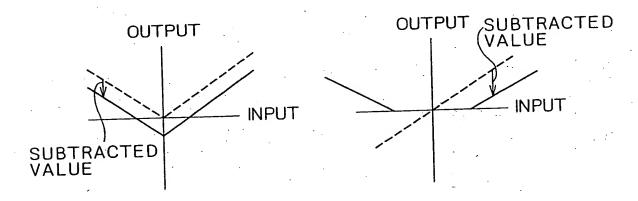
F1G.18



CONSTITUTION OF NOISE CANCELER

F 1 G. 19 A

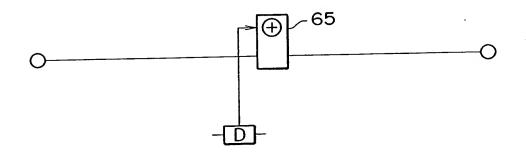
F I G.19B



PROCESSING OF CORRELATION VALUE

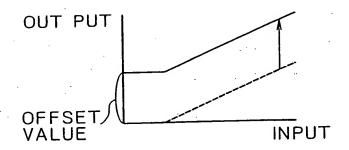
F I G. 20

18a, 18b



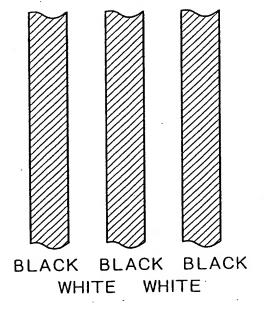
CONSTITUTION OF OFFSET CIRCUIT

F I G. 21



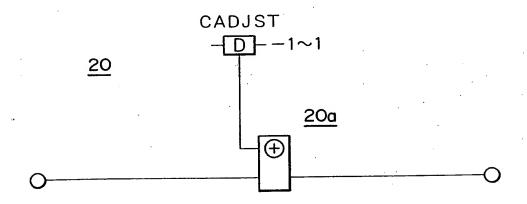
INPUT/OUTPUT CHARACTERISTIC

F I G.22



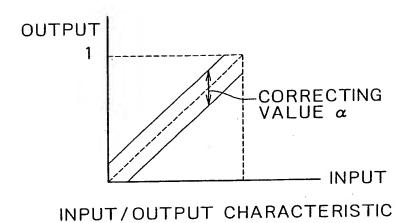
EXAMPLE OF IMAGE DATA

F | G.23

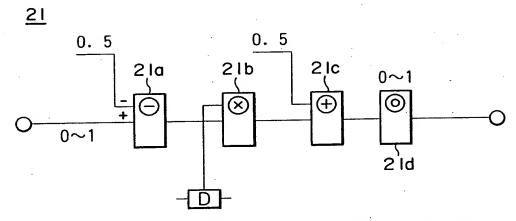


CONSTITUTION OF BIAS CORRECTING CIRCUIT

F I G.24

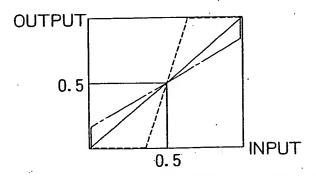


F I G.25

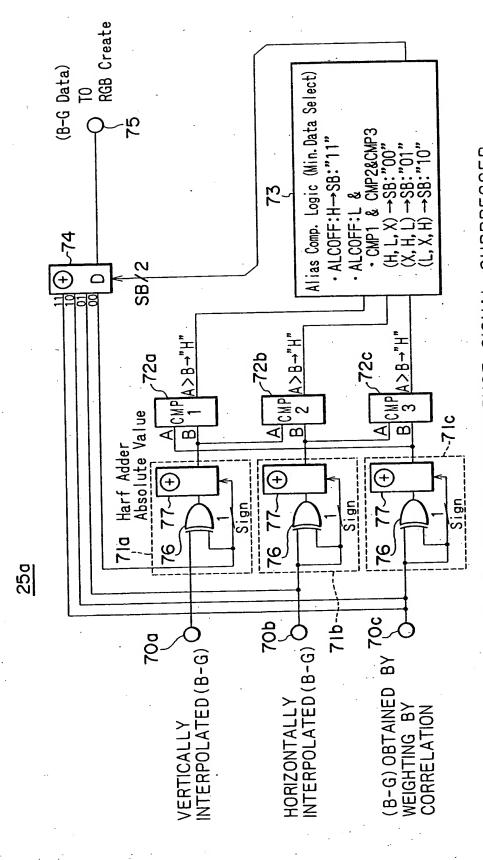


CONSTITUTION OF EMPHASIS/DEEMPHASIS CIRCUIT

F I G.26



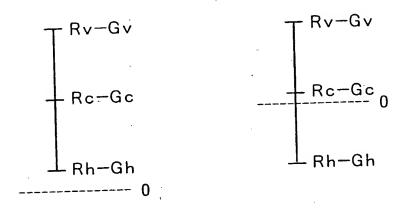
INPUT/OUTPUT CHARACTERISTIC



SIGNAL SUPPRESSER CONSTITUTION OF COLOR-DIFFERENCE

FIG. 28A

F I G. 28B



EXAMPLE OF SELECTING MINIMUM INTERPOLATED PIXEL DATA

F1G.29A

FIG.29B

G	R	
В	G	,

G	Ye	(e)
Су	G	

ARRANGEMENT OF PIXEL DATA